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4-19-04

Attorney Docket No. 13226US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Gottfried Ungerboeck
Arthur J. Carlson

Serial No. 09/898,850

Filed: July 3, 2001

For: SYSTEM AND METHOD FOR
HUFFMAN SHAPING IN A DATA
COMMUNICATION SYSTEM

Examiner: Not assigned

Group Art Unit: 2681

CERTIFICATE OF MAILING

I hereby certify that this correspondence is
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April 5, 2004

Michael T. Cruz
Michael T. Cruz
Reg. No. 44,636

**TRANSMITTAL OF SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT
AFTER APPLICATION FILING DATE**

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APR 12 2004

Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

ENCLOSURES

Enclosed are the following:

- * A completed form PTO/SB/08A which has one (1) page. A copy of each printed or patented reference listed in the enclosed form PTO/SB/08A not previously provided to or by the PTO in this application. Two (2) references enclosed.
- * A copy of the European Search Report for the European Application No. EP 01963892, Communication dated March 3, 2004, corresponding to the above application.

FEE DETERMINATION

* No fee is believed to be due because:

In accordance with 37 CFR §1.97(e), each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this statement.

FEE PAYMENT

The following arrangements have been made to pay the fees calculated above:

* No fee is believed to be due.


The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

REQUEST FOR CONSIDERATION

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above. The Examiner is requested to initial both copies of the enclosed PTO-1449 (modified) and return one copy to the applicants to indicate consideration of the enclosed references.

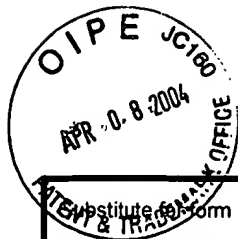
Respectfully submitted,

Dated: April 5, 2004



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PTO/SB/08A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/898,850
				Filing Date	July 3, 2001
				First Named Inventor	Gottfried Ungerboeck
				Group Art Unit	2681
				Examiner Name	Not assigned
Attorney Docket Number	13226US02				
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1				RECEIVED APR 12 2004 Technology Center 2600
	A2				
	A3				
	A4				
	A5				
	A6				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A7	DE 197 48 880 C 1	05/12/1999	DEUTSCHE TELEKOM AG	Col. 2, line 17 – line 22; Col. 3, line 41 - 44	
	A8					
	A9					
	A10					
	A11					

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A12	B. Vasic et al., "Scrambling for Nonequiprobable Signalling", Electronics Letters, IEE Stevenage, GB, vol. 32, no. 17, August 15, 1996, pages 1551-1552.
	A13	
	A14	
	A15	
	A16	

EXAMINER SIGNATURE		DATE CONSIDERED	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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